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***Via Electronic Mail***

June 15, 2016

Mrs. Leslie Blake  
Remedial Project Manager  
U.S. EPA Region V  
Superfund Division (SR-6J)  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590


**Reference: Gary Development Landfill Superfund Site, Gary, Indiana  
Administrative Settlement Agreement and Order on Consent for the  
Remedial Investigation/Feasibility Study,  
CERCLA Docket No. V-W-14-C-004  
May 2016 Monthly Progress Report #025**

Dear Mrs. Blake:

In fulfillment of the requirements of Section IX, Paragraph 32, of the Administrative Settlement Agreement and Order on Consent for the Remedial Investigation/Feasibility Study, CERCLA Docket No. V-W-14-C-004, the Respondents are submitting the May 2016 monthly progress report.

Should you have any questions or comments, do not hesitate to contact me or Mr. Mike Samples at (865) 691-5052.

Sincerely,  
***de maximis, inc.***

  
Bennie L. Underwood  
Project Coordinator

BLU/MHS/akw

Enclosure

cc: (via e-mail)

Nick Cooper, IDEM  
Jeff Cahn, Esq., EPA  
David Rieser, Esq., K&L Gates  
Mike Samples, *de maximis*  
Mark Raybuck, Parsons  
GDL Technical Committee

## MONTHLY PROGRESS REPORT - #025

**PROJECT NAME:** Gary Development Landfill Superfund Site

**PERIOD COVERED:** May 2016

### **A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT**

- Via email correspondence dated May 2, 2016, EPA was notified by the Respondents that wetlands delineation and biota/habitat evaluation field work would be initiated, pursuant to Sections 3.5.2.1 and 3.5.6, respectively, of the RI/FS Work Plan. The field activities were initiated on May 10 and completed on May 13, 2016.
- In a transmittal dated May 4, 2016, the Gary Development Landfill Site PRP Group (Respondents) provided the United States Environmental Protection Agency (EPA) with the Water Well Inventory, in accordance with Section 3.5.4.1 of the RI/FS Work Plan.
- In a letter dated May 5, 2016, the Respondents provided EPA with responses to address concerns raised in EPA's April 26, 2016 fire incident letter which pertained to a grass fire that resulted from off-Site activities being performed by the Canadian National Railway Company (Railroad). On May 10, 2016 technical representatives on behalf of EPA, the Indiana Department of Environmental Management (IDEM) and the Respondents participated in a Site visit to observe current Site conditions following the grass fire.
- With a letter dated May 13, 2016, the Respondents provided EPA with confirmation that the prior submittal of insurance documentation directly by the Respondents' contractor (Parsons) should be considered as the second annual compliance submittal in accordance with Section XXV (Insurance) of the AOC.
- As required by EPA in a letter dated April 26, 2016, the Respondents provided EPA with a memorandum to address erosion control measures, dated May 25, 2016.

**A. ACTIONS TAKEN TOWARD COMPLIANCE WITH THE SETTLEMENT AGREEMENT (Continued)**

- During the reporting period, EPA was notified by the Respondents that a localized area close to the northern pond appeared to be smoking. On May 26, 2016, at the request of the Respondents, the local fire department responded to the Site to evaluate the smoking area. Using an infrared camera, ground temperatures were recorded in the immediate vicinity of the smoking area.
- During the reporting period, Counsel on behalf of the Respondents initiated contact with the Railroad concerning the grass fire which resulted from off-Site Railroad activities, and the ongoing smoke resulting from the fire.
- In accordance with a request from EPA that the Site access gate installation be expedited, the work was successfully performed.
- On May 13, 2016, EPA notified one (parcel #45-03-35-301-003.000-004) of the three property owners of the Site that the existing Administrative Warrant will be expiring and requested that an access agreement be executed by the property owner.
- On May 16, 2016, the Indiana Department of Nature Resources (IDNR), Division of Nature Preserves, provided the Respondents with a Research and Collecting Permit. The permit allows for the obtaining background samples from the Pine Station Nature Preserve controlled by the IDNR.
- With a letter dated May 16, 2016, EPA provided the Respondents with a Final Response to action items requested by EPA concerning the fire incident.

**B. SAMPLING AND TESTING ACTIONS AND RESULTS**

- On May 26, 2016, in accordance with EPA's May 16, 2016 correspondence, water observed within a surface depression along the southern access road was sampled and sent to the laboratory for analysis. Analytical data associated with this activity will be provided to EPA once received from the laboratory.
- Consistent with the Respondents May 5, 2016 email notice to EPA, on May 11, 2016, field screening of existing gas vents was performed. This work was performed in accordance with Section 3.5.5.4 of the RI/FS Work Plan. Results from the field screening will be transmitted to EPA under separate cover once development of an associated figure is complete.



**C/D. WORK PLANNED FOR NEXT TWO MONTHS AND SCHEDULE OF SIGNIFICANT ACTIVITIES / DELIVERABLES**

- Continue implementation of the RI/FS Work Plan in accordance with the schedule.
- Mobilization of geoprobe is scheduled for June 13, 2016. Pursuant to Section 3.5.4 of the RI/FS Work Plan, groundwater sampling will be performed.
- In conjunction with the geoprobe sampling, collect surface soil samples for chemical analysis.
- Following review of geoprobe groundwater data with EPA, select locations for groundwater monitoring wells and tentatively initiate installation.
- Perform on-site building and debris evaluation.
- Contingent upon the next rain event, collect storm water sample(s).
- Per fire department advisement, continue to visually monitor localized smoking area.
- Conduct gas vent and air sampling, pursuant to Section 3.5.5.4 of the RI/FS Work Plan.
- Per Section 3.5.2.2 of the RI/FS Work Plan, perform sediment sampling in the southern wetlands.
- Obtaining background samples from pond located on the Pine Station Nature Preserve.
- Collect surface water and sediment samples from the northern pond, per Section 3.5.3 of the RI/FS Work Plan.
- Tentatively perform the existing landfill cover evaluation and waste boundary evaluation activities in accordance with section 3.5.5 of the RI/FS Work Plan.
- Receive EPA approval of the Water Well Inventory, dated May 4, 2016.
- Receive EPA approval of the May 25, 2016 Erosion Control Measures memorandum.

#### **E. CHANGES IN RI/FS WORK PLANS OR ACTIVITIES**

- Resulting from the April 18, 2016 vegetation fire, and as required by EPA in a letter dated April 26, 2016, the Respondents provided EPA with a memorandum to address erosion control measures, dated May 25, 2016.
- Additionally, on May 26, 2016, in accordance with EPA's May 16, 2016 correspondence, water observed within a surface depression along the southern access road was sampled and sent to the laboratory for analysis. This pre-existing feature became visible following the vegetation fire.

#### **F. ENCOUNTERED / ANTICIPATED DELAYS**

- As a result of the April 18, 2016 vegetation fire, and subsequent smoking trash, which was started by off-Site work being performed by the Railroad, slight delays in mobilization and field activities have occurred. However, the Respondents are working to minimize overall schedule changes, if any.

#### **G. COMMUNITY RELATIONS ACTIVITIES**

- None.